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FIGURE 1

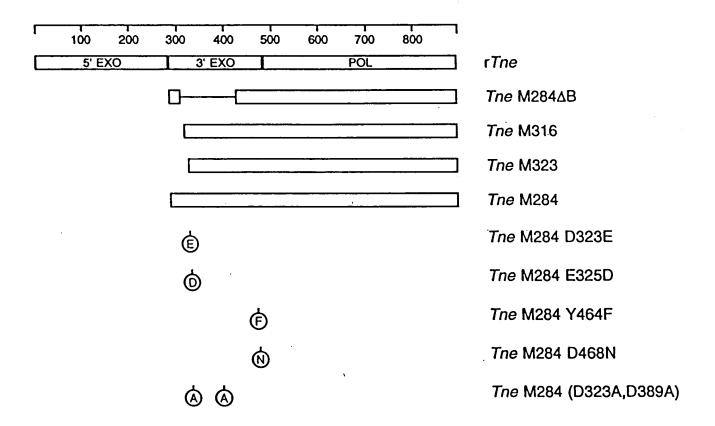
	3' EXO	POL	øT4
	3' EXO	POL	øT7
5' EXO	3' EXO	POL	Eco Pol I
5' EXO		POL	Taq
5' EXO	3' EXO -	POL	Tma
5' EXO	3' EXO =	POL	Tne

Exo III	A A A T.CKKB-DIELTOH		332 DKIRGEIDLVES	165 EEMMDANVODVVT	492 EEAGRYAAEDADVT	459 EKAANVSCEDADIT	459 DKAANYSCEDADET
Exo II	N. H. D. A. WHEN C.			V-FHNGH-KYDVPALT	7 V-GONERWORGIER	2 V-GONEREDYRVEM	2 V-GQVLRVDYKVPM
Exo I			82 RVIXMPFONGRDMOMEYI		348 KAPVFAFDTSTDSTDNIS 417	316 ESPSFAIDLDTSSIDPFD 382	316 EVPSFALDLETSSIDPFN 382
		EGO POL TIL	ØT4	QT7	Eco Pol I	Tma	The

FIGURE 3

_	MVOIPONELILVOGSSYLYRAYEAF-PELINSAGEPICAMYGVENMLRSLIMOYKPTHAAVVFDAKGKTFRDELEEH MARLFLFDGTALAYRAYYALDRSLSTSTGIPTNAUYGVARMLVRFIKDHIIVGKDYVAVAFDKKAATFRHKLLEU MARLFLFDGTALAYRAYYALDRSLSTSTGIPTNAVYGVARMLVKFIKEHIIPEKDYAAVAFDKKAATFRHKLLEA	Tma
17 16 16	YKSHRPPMPDDIRAQTEPLHAMVKAMGUPLAVSGVEADDVIGTLAREAEKAGRPVLISTGDKDMAQLVTPNITLIN YKAQRPKTPDLLIQQLPYIKKLVEALGUKVLEVEGYEADDIIATLAVKGUPLFDEIFIVTGDKDMLQLVNEKIKVWRIVK YKAQRPKTPDLLVQQLPYIKRLIEALGFKVLELEGYEADDIIATLAVKGCTFFDEIFIITGDKDMLQLVNEKIKVWRIVK	Tma
L56	WWWTIL-GPEEVVNKYGVEPELIIDELALMGDSSDNIPGVEGVGEKTAOALLQGLGGLDTLYAEPEKIAGLSFRGAKTW GISDLELYDAOKVKEKYGVEFOQIPDLLALTGDEIDNIPGVTGIGEKTAVQLLEKYKDLEDILNHVRELPOKVRKA- GISDLELYDSKKVKERYGVEPHQIPDLLALTGDEIDNIPGVTGIGEKTAVQLLGKYRNLEDILEHARELPORVRKA-	Tma
232	AAKI EONKEVAYLSYOLATIKIDVELELTCEOLEVOOPAAEELIGLEKKYEFKRWIADVEAGKWLOAKGAKPAAKPOETS LLRDRENAILSKKLAILETNVPIEINWEELRYOGYDREKLLPILKELEF LLRDREVAILSKKLATLVTNAPVEVDWEEMKYRGYDKRKLLPILKELEF	Tma
313 289 289	VADEAPEVTATVISYDNYVTILDEETLKAMIAKIEKARVFAFDTETDSLDNISANLVGLSFATERGVAAYIRVAHDYLDA LYEESERVGYRIVKDLVEFEKLIEKLRESPSFAIDLETSSLDPFDCDIVGISVSFKPKEAYYIPLHHRN LYEEAEPTGYEIVKDHKTFEDLIEKLKEVPSFALDLETSSLDPFNCEIVGISVSFKPKTAYYIPLHHRN	Tma
393 358 358	PDQISRERALELLKPILEDEKALKVGQNLKYDRGILANYGIELRGIAFDIMLESYILNSVAGRHDMDSLAERALKHKTVI AQNLDEKEVILKKLKEILEDPGAKIVGQNLKTDYKVLMVKGVEPVPPYFDIMIAAYLLEPNEKKFNLDDLALKFLGYKMTS AQNLDETLVLSKLKEILEDPSSKIVGQNLKYDYKVLMVKGISPVYPHFDIMIAAYLLEPNEKKFNLEDLSLKFLGYKMTS	Tma
438	FEB TAGKGKNOLTIFNOTALEBAGRYAAEDADVILOTHLKMWPDLOKHKGET-NVFENTEMPLVEVLSRIERMGVKILD YQELMSFSEPLFGFSFADVPVEKAANYSCEDADITYRLYKILSUKLHEAELENVFYKTEMPLVNVLARMELMGVYVD YQELMSFSSPLFGFSFADVPVDKAANYSCEDADITYRLYKILSMKLHEAELENVFYRTEMPLVNVLARMELMGVYVD	'Tma
516	KVI HNHSEDITIRI ASI EKKAHDIAGEDFNISSTKOLOTIILFEKOGIKPI-KKTPGGAPSTSDEVLEDIALDYPLPKVII EFIKKISEEYGKKLEELAEDIYRIAGEPFNINSPKOVSRIILFEKIGIKPRGKTTKTGDYSTRIEVLEDIAGEHEITPLII EFIKKISEEYGKKLEELAEKIYQIAGEPFNINSPKOVSKIIFEKIGIKPRGKTTKTGAYSTRIEVLEEIANEHEIVPLII	1 Tma
596	EYRGIAKLKSTYNDKLPMINPKTGRÜHUSYHOAVTATGRLSSODPNLONOPVRNEBGRRIRGAFIAPE-DYVIVSADY EYRKIOKLKSTYIDALPKYVNPKTGRIHASFNOTGTATGRLSSSDPNLONLPTKSEBGKEIRKAIVPODPNWIVSADY EYRKIOKLKSTYIDTLPKLVNPKTGRIHASFHOTGTATGRLSSSDPNLONLPTKSEBGKEIRKAIVPODPDWIVSADY	S Tma
676	QIELRIMAHLSROKCLIMAFNECKOIHRYTAAEVFGLPLETVTSEORRSAKAINFGLIYG <mark>WSAF</mark> GLAROLNIFRKEACK QIELRILAHLSGDENLIRAFEEGIDVHTLTASRIDNVKPEEVTEEMRRAGKMVNFSIIYGVTPYGLSVRLCVPVKEAEK QIELRILAHLSGDENLVKAFEEGIDVHTLTASRIYNVKPEEVNEEMRRVGKMVNFSIIYGVTPYGLSVRLGIPVKEAEK	M Tma
788 756 756	MDLYFERYFGVLÐYMERTRAQAKEOGYVETLOGRRLYI FOIKSSNGARRAAAERAAINAFMOGTAADIIKRAMIAVDAM 5. IVNYFVLYPKVRDYIQRVVSEAKEKGYVRTLFGRKRDIPQLMARDRNTQAEGERIAINTPIQGTAADIIKLAMIÐIDRE 5. IISYFTLYPKVRSYIQQVVAEAKEKGYVRTLFGRKRDIPQLMARDKNTQSEGERIAINTPIQGTAADIIKLAMIDIDEE	L Tma
83	3 DAEOPRVRMIMOVHDELVFEVHKDDVDAVAKOIHOLMENCURLEVPLUVEVGSGENWDOAH. 6 KERKMRSKMIIOVHDELVFEVPNEEKDALVELVKDRMINVVKLSVPLEVDVIIGKIWS. 6 RKRNMKSRMIIOVHDELVFEVPDEEKEELVDLVKNKMINVVKLSVPLEVDISIGKSWS.	Eco Tma Tne

FIGURE 4



A

B





